

Partial Listing



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(54) **PREPROCESSOR SYSTEM AND METHOD
FOR REJECTION OF DUPLICATE
INVOICES**

(*) **Notice:** This is a publication of a continued prosecution application (CPA) filed under 37 CFR 1.53(d).

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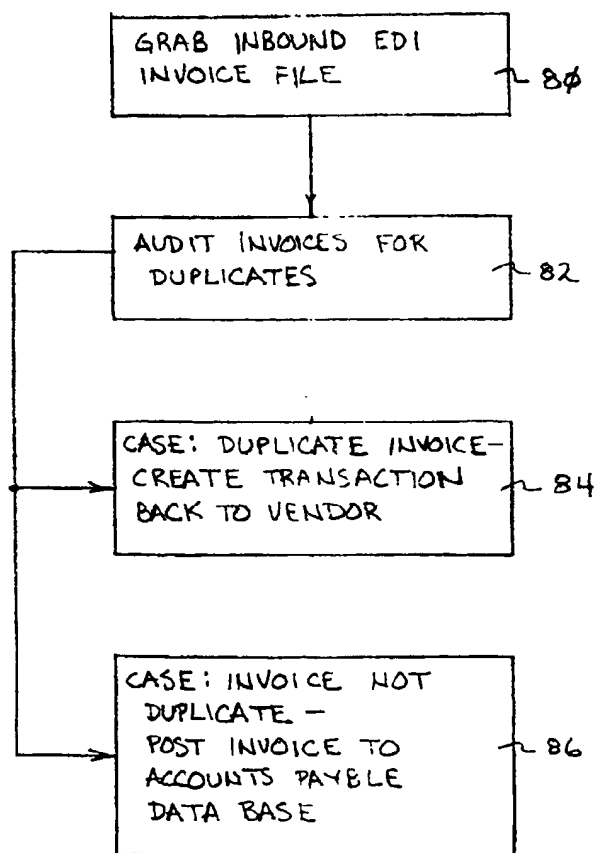
(51) **Int. Cl.⁷** **G06F 17/60**

(52) **U.S. Cl.** **705/40; 705/30**

(57) **ABSTRACT**

An accounts payable system in which invoices submitted by electronic data interchange (EDI) are audited for duplicate invoices prior to them being entered into the production database, or environment. Pre-processor logic audits, identifies and returns electronically duplicate transmissions. At this pre-processor level, all inbound invoices are sorted in credit/debit sequence. Invoices are posted (committed to the production accounts payable environment; that is, to the accounts payable data base) one at a time so purchase order history is current for each evaluation. Inbound invoices are sorted by credit/debit. Only debits are audited.

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Detail Description Paragraph - DETX (11):

[0023] Checkpoint 2: Pre-processor in/out. Preprocessor 130 completes and validates transactions passed through production interface 122 from DI translator 114. Preprocessor 130 generates audit control log 142 and report 146; preprocessor errors, or exception reports 138 and log 136; calculates line item accounts; deducts sales tax; adds multiple IDOCs to IDOC table 152; and creates the SAP IDOC number.